DTN - Central Streetscape Planting Plan

Planting Notes

- Contractor shall verify all existing conditions in the field and report any discrepancies to the Landscape Architect or Owner's representative prior to starting work.
 No planting shall occur until soil sample results have been verified from all planting areas and soils are properly amended based on the results of the soil tests. See this sheet for soil sampling instructions.
- 3. No planting shall occur until percolation testing has been verified and soils have been properly amended to drain. See this sheet for percolation testing procedures.
 4. All new plant material shall conform to the guidelines established for nursery stock published by the American Association of Nurserymen, Inc. In addition, all new
- plant material for the project shall be of the highest specimen quality. Plant material delivered to the site that does not meet the requirements specified in Section 32 90 00 2.1 may be rejected by the Owner's representative.

 5. Do not assume trunk flare will be exposed at the nursery. Contractor to expose trunk flares to check for root girdling. Pull mulch away from the trunk flare of trees
- and from the base of all shrubs.

 6. No plant material shall be planted before acceptance of rough grading. The finished grade shall not cover any part of the true trunk flore. See tree planting differences for the finished grade shall not cover any part of the true trunk flore. See tree planting differences for the finished grade shall not cover any part of the true trunk flore. See tree planting differences from the finished grade shall not cover any part of the true trunk flore. See tree planting differences from the finished grade shall not cover any part of the true trunk flore.
- 6. No plant material shall be planted before acceptance of rough grading. **The finished grade shall not cover any part of the tree trunk flare**. See tree planting detail.

 7. All new plants shall be balled and burlapped or container grown unless otherwise noted on the plant list.
- 8. The Contractor shall locate and verify all existing utility lines prior to planting and report any conflicts to the Landscape Architect or Owner's Representative.
- 9. Stake location of all proposed trees and planting areas for approval by the Landscape Architect or Owner's representative prior to the commencement of planting.10. Planting plans are not layout plans. Plants may need to be shifted in the field, based on the existing conditions. Coordinate with the Landscape Architect or Owner's
- Representative prior to any changes.

 11. All lawn areas disturbed by construction operations inside and outside the limit of work shall be prepared and seeded as noted herein. Contractor to verify quantities.

 12. Contractor to confirm all shrub beds are prepared with planting soil to a minimum depth matching the depth of shrub root balls; prepare perennial beds with a minimum
- 12. Contractor to confirm all shrub beds are prepared with planting soil to a minimum depth matching the depth of shrub root balls; prepare perennial beds with a minimum of 12" planting soil; prepare groundcover beds with a minimum of 6" planting soil.
- 13. All plant beds are specified to receive one and a half inches (1.5") of double shredded hardwood mulch prior to plant installation (Not in this contract). Contractor is to verify mulch is present in beds and ensure mulch does not cover plants after installation. See planting details on Sheet L001 for proper mulch placement.
 14. Thoroughly water trees and shrubs during the first 24 hours after planting. Wet the soil to a depth of 18-24". When runoff starts, stop watering, let the water soak in and
- repeat until the proper depth is wet.

 15. Any proposed substitutions of plant species shall be made with plants of equivalent overall form, height, branching habit, flower, leaf, color, fruit, and culture only as
- approved by the Landscape Architect or Owner's Representative.
- 16. All areas to be seeded or sodded shall receive soil preparation as noted herein prior to seeding or sodding, unless otherwise noted on plan.
- 17. Contractor's base bid to include all materials, labor, permits, equipment, tools, insurance, etc. to perform the work as described in the contract documents.
- 18. Contractor to complete work within schedule established by Owner.
 19. Contractor to provide one year warranty for all material from date of substantial completion. Contractor to provide interim maintenance (watering, pruning, fertilizing, guying, mowing, trimming, adequate drainage of ponding areas, edging, weeding, mulching, and general landscape clean-up) until substantial completion notice is provided by the Owner's Representative. Application of insecticides/herbicides must be approved by Landscape Architect or Owner's Representative prior to use on
- 20. Plant beds to join walks or walls at an angle between 90° & 60°.
- 21. Shade trees to be planted a minimum of 3' from water line, sewer line or manholes. Evergreen and ornamental trees to be planted a minimum of 3' from sidewalks,
- 22. Mulch rings around shade trees to be a minimum diameter of 4' and a minimum of 3' around ornamental and evergreen trees. If evergreen trees are specified as full to ground, mulch ring to extend a minimum of 12" beyond the edge of plant.
- 23. Square footage of sod quantities is approximate and is an estimate of the disturbed areas. Contractor to verify quantities prior to purchase and installation.
- 24. All planters are to be free of weeds prior to planting. It is the Landscape Contractor's responsibility to ensure that all weeds are removed from planters prior to installation of plants.

Percolation Test Notes

- L. Dig a hole 18- 24" deep & a minimum of 6" wide.
- 2. Fill hole with water to the top and let drain for several hours. Ideally let the hole pre-wet over night and test the following day.

water line, sewer line or manholes. If a conflict arises, consult with Landscape Architect or Owner's Representative.

- 3. Refill hole to within a couple inches of the top.
- 4. To aid in measurement, place a stick across the top of the hole and use a second stick to mark periodic drops in water level; mark side of hole; or mark soil on side of hole with nail or stick.
- 5. Measure drop in water level after 30 minutes and one hour. If possible measure drop in water level the next day.
- 6. Determine drop in water level per hour. If water level in hole drops more than one inch per hour, it is well drained and suitable for all plant species.

Instructions For Existing Soil Sampling:

- 1. Using a spade, dig a v-shape hole to a 6" depth; then cut a thin slice of soil from one side of the hole. Place the slice in a plastic bucket, do not use a metal bucket. Mix slices together and fill a plastic sample bag with three (3) cups of dirt. The sample bags can be ziploc bags that are labeled with the project name and sample number.
- . A well mixed composite from 10 to 20 random locations should be subsampled to make the three (3) cup sample.
- 3. Mark the plan to show soil sample locations.
- 4. Send samples to A & L Analytical Labs, Inc., 2790 Whitten Road, Memphis, Tennessee 38133, 800-264-4522, www.al-labs.com.
- 5. Results to be copied to the Owner.

Note: All trees to be high quality specimens. Refer to Planting Specification 32 90 00 for details. All plants to be in accordance with ANSI Standards for Nursery Stock. All trees near road or bike lanes to have a minimum 6' clear trunk. All trees to have single stem, strong central leaders.

Plant Schedule

Key Quantity Botanical Name

Key		Botanical Name	Common Name	Size	Notes
HADE	TREES				
3	8	A cer buergerianum 'ABM TF'	Aeryn Trident Maple	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
	10	Carpinus caroliniana	American Hornbeam	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
3	2	Carpinus betulus 'Frans Fontaine'	Frans Fontaine Hornbeam	3" cal.	6' CT- Central leader, full, well branched, fastigiate form, minimum rootball size 32"
1	4	Pistacia chinensis 'Keith Davey'	Keith Davey Chinese Pistache	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
(16	Cladastris kentukea	Yellowwood	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
	4	Liquidambar styraciflua 'Rotundiloba'	Rotundiloba Sweetgum	3" cal.	6' CT- Central leader, full, well branched, seedless, minimum rootball size 32"
Α	3	Liriodendron tulipifera	Tulip Poplar	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
A	13	Liriodendron tulipifera 'Arnold'	Arnold Tulip Poplar	3" cal.	6' CT- Central leader, full, well branched, fastigiate form, minimum rootball size 32"
	4	Nyssa sylvatica 'David Odom'	Afterburner Black Gum	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
k	4	Tilia americana 'McKSentry'	American Sentry Linden	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
	14	Ostrya virginiana	Eastern Hop Hornbeam	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
	3	Ulmus americana 'Princeton'	Princeton Elm	3" cal.	6' CT- Central leader, full and well branched, minimum rootball size 32"
	REEN TRE				
		llex x attenuata 'Fosteri'	Fo ster's Holly	14' hgt. min.	4' CT- Central leader, full and well branched, minimum rootball size 32"
NIANA	ENTAL TR		1 0 stel 3 Holly	14 figurinii.	7 O 1- Ochibaricader, full and Well branched, minimari 100tball 3126 32
- 1.11	EN IAL IR		The second section of the section of the second section of the section of t	AND MICHIGAN COMPANY COMPANY	
i i	7	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	10' hgt. min.	Central leader, full and well branched, white flowers, minimum rootball size 32"
in K	12	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	3" cal.	Central leader, full and well branched, pink flowers, minimum rootball size 32"
F	9	Cercis canadensis 'Forest Pansy'	Forest Pansy Redbud	3" cal.	Central leader, full and well branched, pink flowers and red leaves, minimum rootball size 32
	22	Cornus florida 'Cherokee Princess'	Cherokee Princess Dogwood	3" cal.	Central leader, well branched, open branching, white flowers, minimum rootball size 32"
	5	Chionanthus virginicus	American Fringe Tree	10' hgt. min.	Central leader, full and well branched, white flowers, minimum rootball size 32"
	4	Lagerstroemia indica x fauriei 'Muskogee'	Muskogee Crape Myrtle	10' hgt. min.	Central leader, full, well branched, pink flowers, minimum rootball size 32"
4	12			10' hgt. min.	
		Lagerstroemia indica x fauriei 'Tuscarora'	Tuscarora Crape Myrtle		Central leader, full, well branched, red flowers, minimum rootball size 32"
	9	Lagerstroemia indica x fauriei 'Natchez'	Natchez Crape Myrtle	10' hgt. min.	Central leader, full, well branched, white flowers, minimum rootball size 32"
	3	Magnolia virginiana var. australis	Sweetbay Magnolia	10' hgt. min.	Central leader, full and well branched, white flowers, minimum rootball size 32"
	3	Prunus serrulata 'Kwanzan'	Kwanzan Flowering Cherry	3" cal.	Central leader, well branched, open branching, pink flowers, minimum rootball size 32"
RUB	S				
C	74	Abelia x grandiflora 'Rose Creek'	Rose Creek Abelia	18" hgt. min., 3 gal.	3' o.c., full and dense, white flowers
S	15	Clethra alnifolia 'Sixteen Candles'	Sixteen Candles Summersweet	3 gal.	3' o.c., full & dense, white flowers
	110	Fothergilla gardenii 'Blue Mist'	Blue Mist Fothergilla		3' o.c., full and dense, white flowers
		llex glabra 'Shamrock'	Shamrock Inkberry Holly		3' o.c., full and dense
		Itea virginica 'Henry's Garnet'	Henry's Garnet Virginia Sweetspire		4' o.c., full and dense, white flowers
	135	Name of the Control o			30" o.c., full and dense, white flowers
5	and the state of t	Itea virginica "Sprich"	Little Henry Virginia Sweetspire		
	Children of the second	Rhus aromatica 'Gro-Low'	Gro-Low Sumac	3 gal.	3' o.c., full and dense
OUN	DCOVERS	& PERENNIALS			
G	24	Achillea x 'Coronation Gold'	Coronation Gold Yarrow	1 gal.	18" o.c., full and dense, yellow flowers
	126	Amsonia hubrichtii	Arkansas Bluestar	1 gal.	30" o.c., full and dense, blue flowers
)	185	A ster oblongifolius 'Raydon's Favorite'	Raydon's Favorite Aromatic Aster	1 gal.	24" o.c., full and dense, purple flowers
MIX		AsterMix	Mix of Kickin' Series	1 gal.	24" o.c., provide even mixture of Kickin' Series for varied color
IVIIZ		Baptisia australis	Blue False Indigo	1 gal.	30" o.c., full and dense, purple flowers
S	74	Carex cherokeensis	Cherokee Sedge	1 gal.	12" o.c., full and dense,
	73	Coreopsis lanceolata	Lanceleaf Coreopsis	1 gal.	12" o.c., full and dense, yellow flowers
	88	Eutrochium dubium 'Little Joe'	Little Joe Pye Weed	1 gal.	36" o.c., full and dense, pink flowers
	15	Echinacea purpurea	Purple Coneflower	1 gal.	2' o.c., full & dense, purple flowers
e	73	Gaillardia 'Arizona Sun'	Arizona Sun Blanket Flower	1gal.	12" o.c., full and dense, yellow/red flowers
	331	Hypericum calycinum	Creeping St. John's Wort	1gal.	18" o.c., full and dense, yellow flowers
	216	Hemerocallis 'Stella de Oro'	Stella de Oro Daylily	1 gal.	18" o.c., full and dense, yellow flowers
	300	Isotoma fluviatilis	Blue Star Creeper	3" pot	18" o.c., full and dense, yellow llowers
	The state of the s	5. 5. Mag 1 0 1 0 1 0 1	The state of the s		
	13	Iris virginica	Southern Blue Flag Iris	1 gal.	2' o.c., blue flowers
	764	Juniperus horizontalis 'Wiltonii'	Blue Rug Juniper	1 gal.	30" o.c., full and dense
V	208	Liriope muscari 'Variegata'	Variegated Liriope	1 gal.	18" o.c., full and dense
/	36	Nepeta 'Walker's Low'	Walker's Low Catmint	1 gal.	24" o.c., full and dense, blue flowers
L	89	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gal.	24" o.c., full and dense, purple flowers
	897	Sisyrinchium angustifolium 'Luceme'	Blue Eyed Grass	3" pot	12" o.c., full and dense, blue flowers
-91	78	Solidago rugosa 'Fireworks'	Fireworks Goldenrod	1 gal.	24" o.c., full and dense, yellow flowers
	18	Rudbeckia fulgida 'Goldstrum'	Goldsturm Blackeyed Susan	1 gal.	2' o.c., full & dense, yellow flowers
	10	Transcenta raigida Obidentini	Sold Staff F DiackCycu Susaii	ı yaı.	2 0.0., Tuli & delibe, yellow howers
NAM	ENTAL GR	RASSES			
	126	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Blue Grama Grass	1 gal.	3' o.c., full and dense
S	34	Chasmanthium latifolium	North Sea Oats	1 gal.	2' o.c., full and dense
H	37	Panicum virgatum 'Heavy Metal'	Heavy Metal Switchgrass	1 gal.	3' o.c., full and dense
-	413	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass	1 gal.	3' o.c., full anddense
	137	Pennisetum alopecuroides 'Cassian's Choice'	Cassian's Choice Fountain Grass	1 gal.	30" o.c., full and dense
		Pennisetum orientale 'Karley Rose'	Karley Rose Fountain Grass	1 gal.	3' o.c., full and dense
)	128	r chilisetamonentale realicy rese		1 gal.	30" o.c., full and dense
)		Schizachyrium scoparium 'The Blues'	The Blues Little Bluestem	I yaı.	
)	128 400		The Blues Little Bluestem	ı gar.	
ILBS	128 400	Schizachyrium scoparium 'The Blues'			10" o.a. Largo Cunnad Naraisaya
) JLBS	128 400		The Blues Little Bluestem Daffodils	bulb	18" o.c Large Cupped Narcissus
S JLBS SS DD	128 400 194	Schizachyrium scoparium 'The Blues'			18" o.c Large Cupped Narcissus Contractor to verify quantity

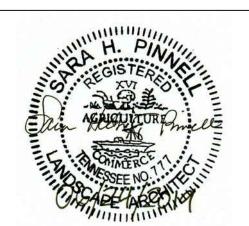
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TN Planting
Central Street

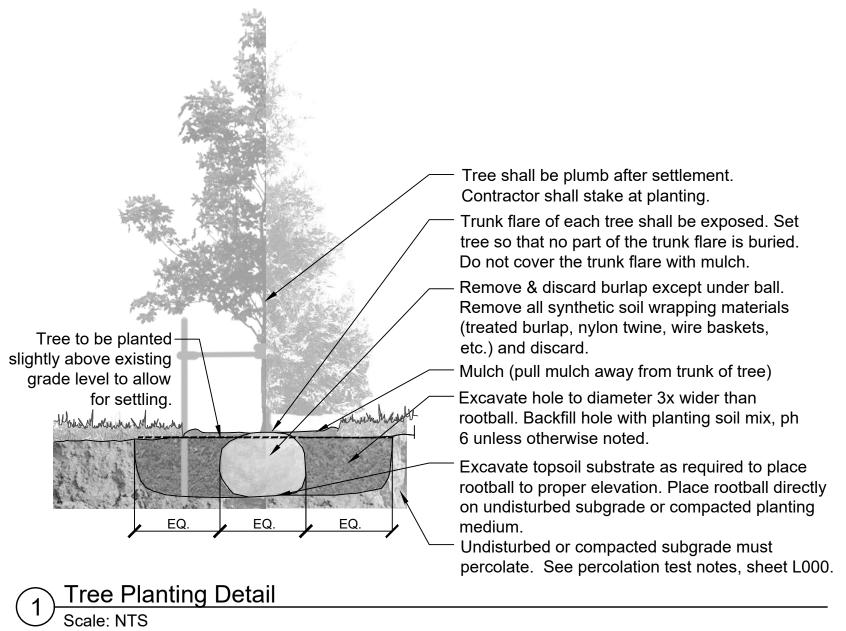


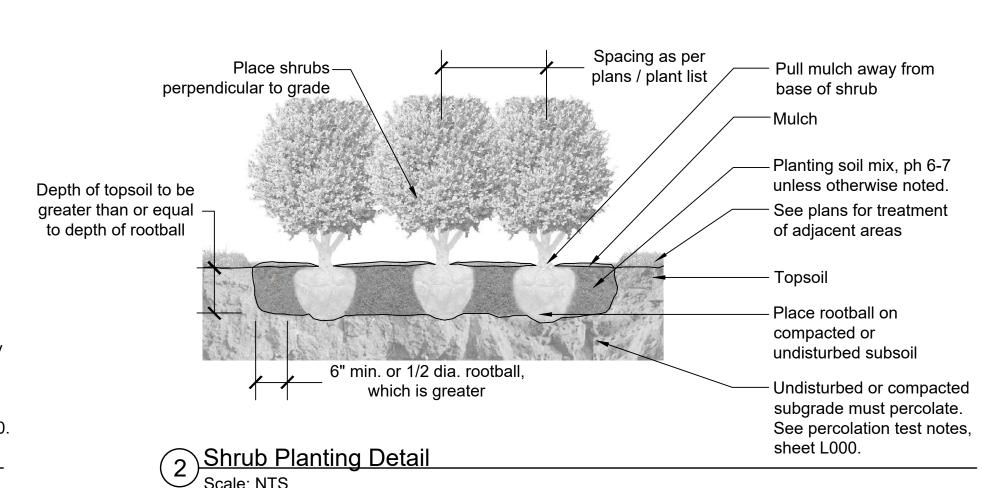
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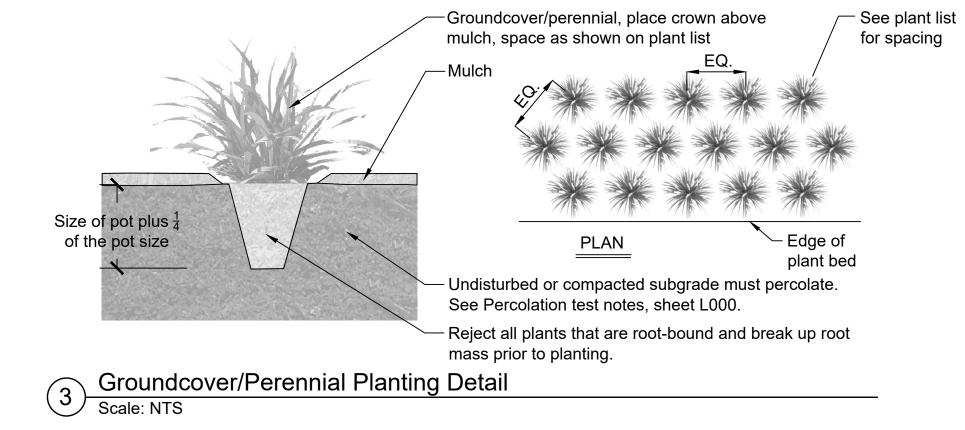
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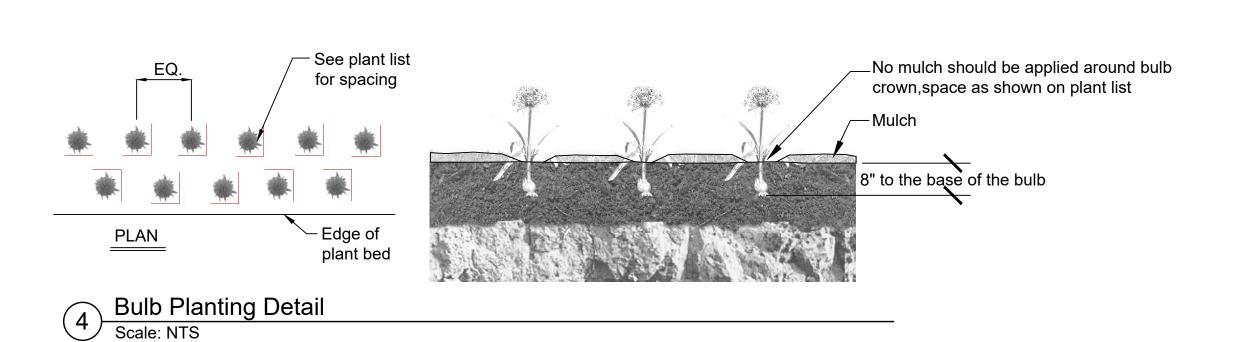
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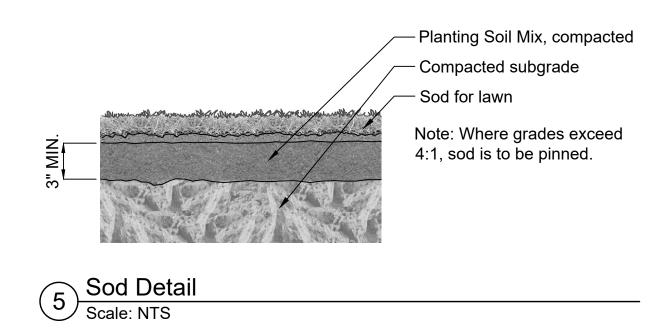
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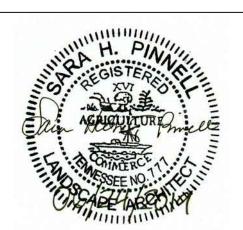


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Planting



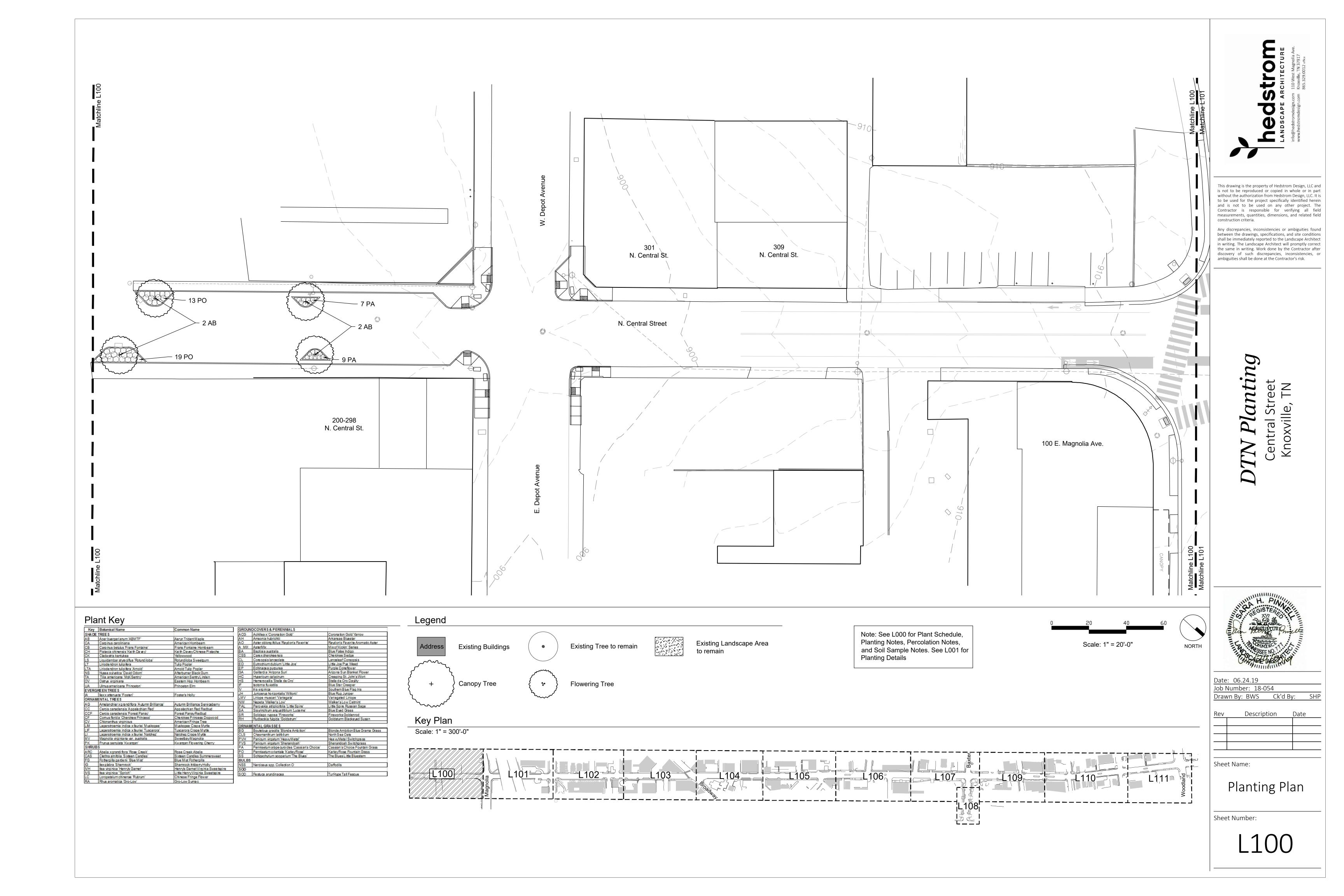
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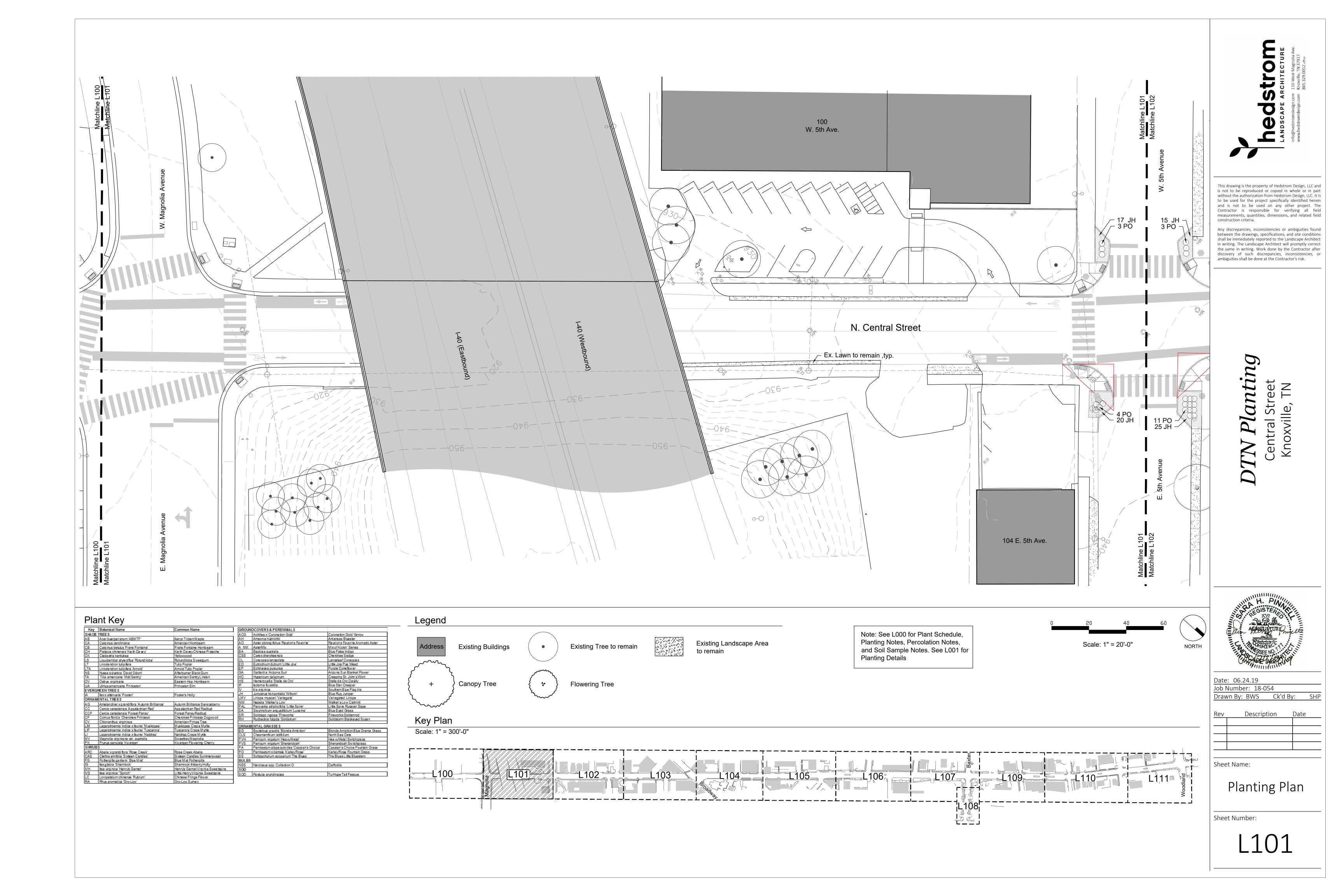
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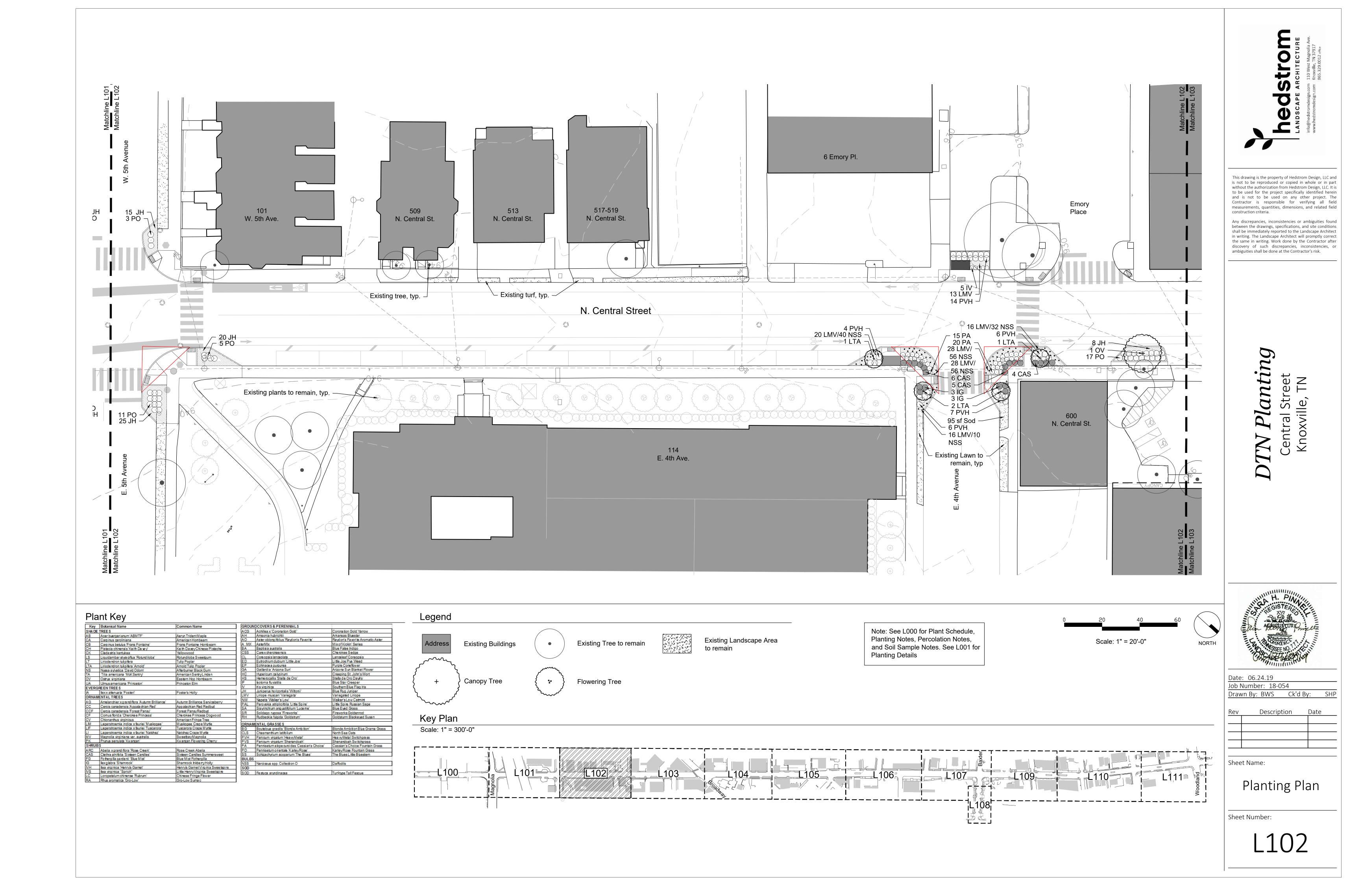
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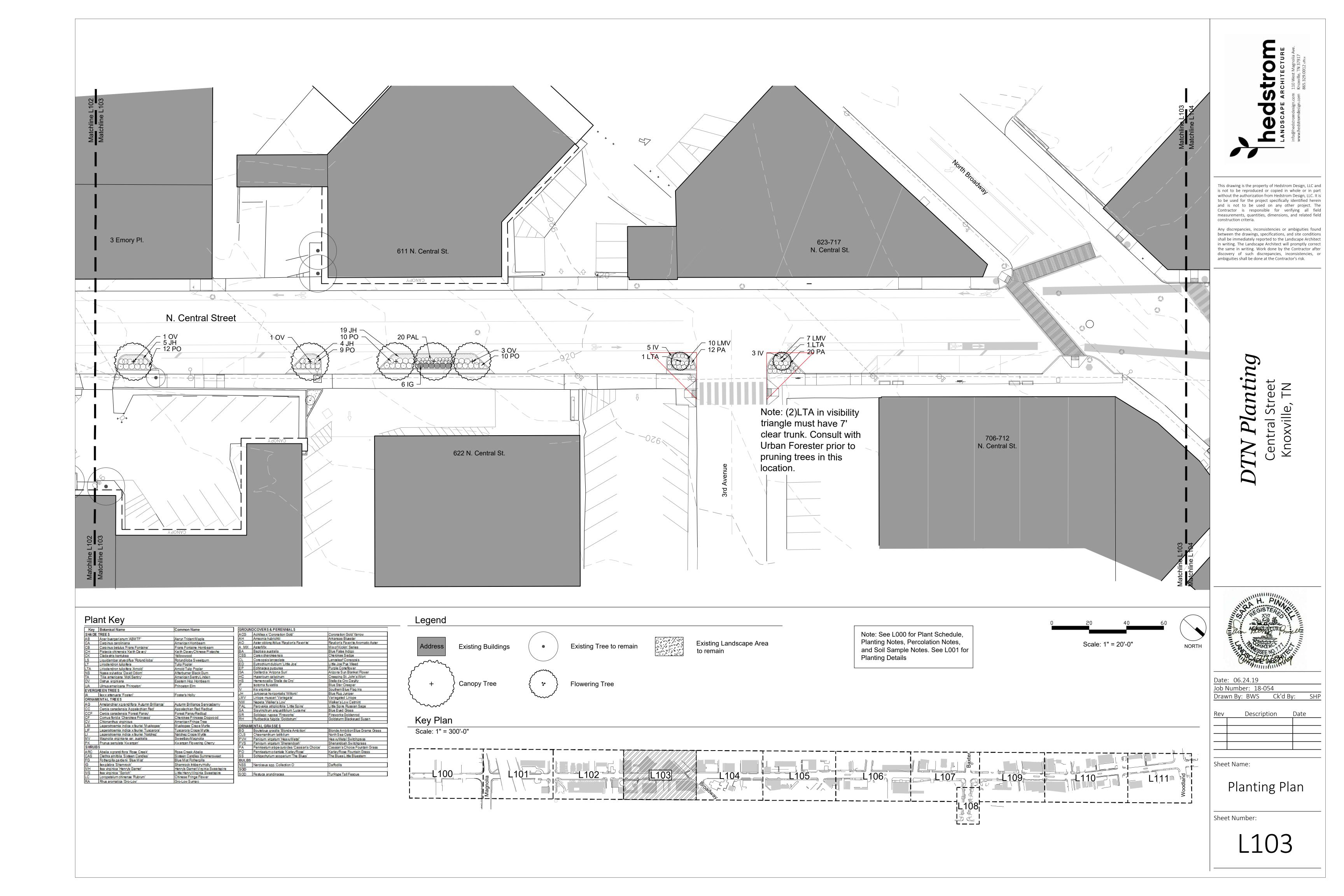
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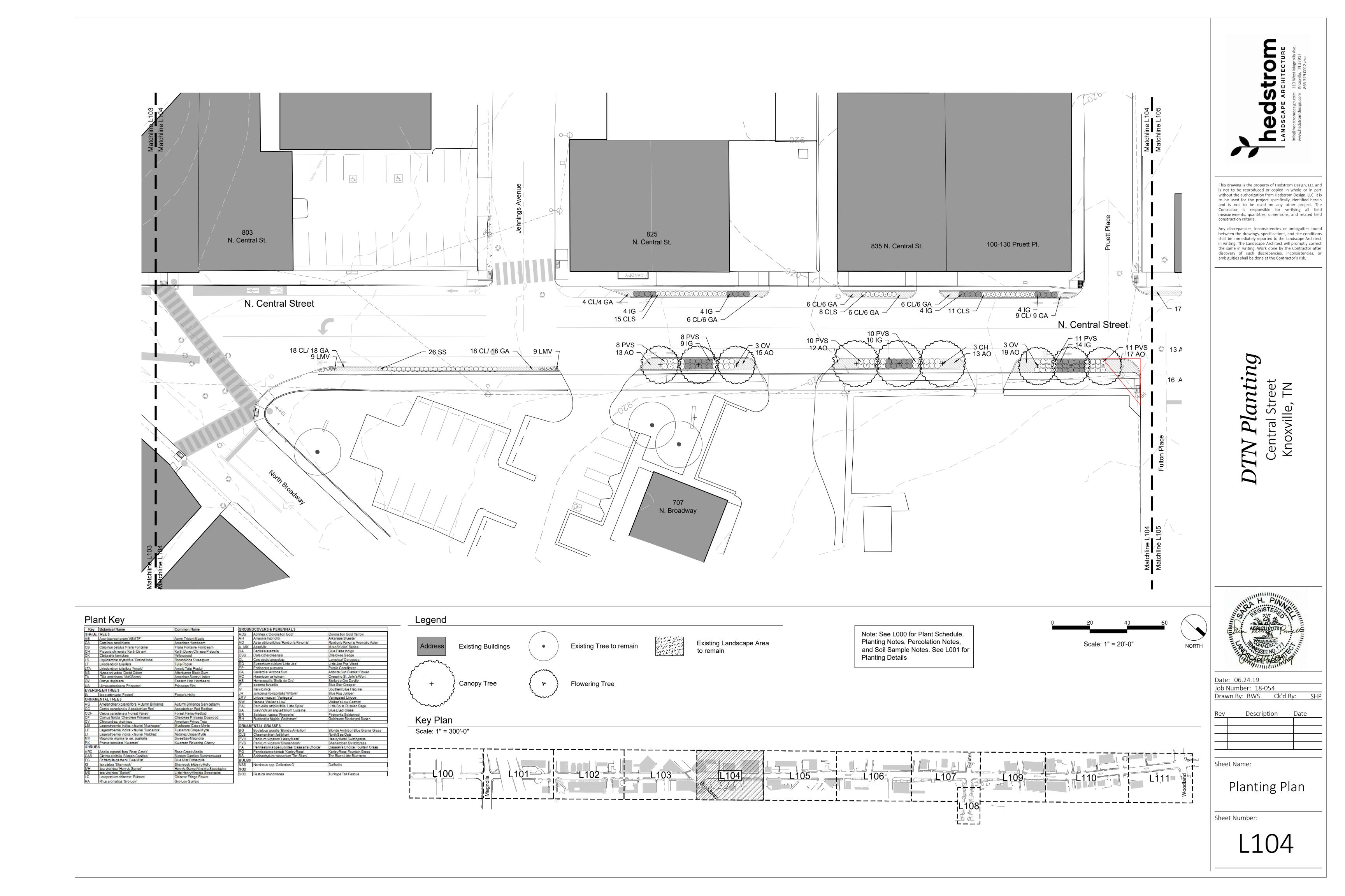
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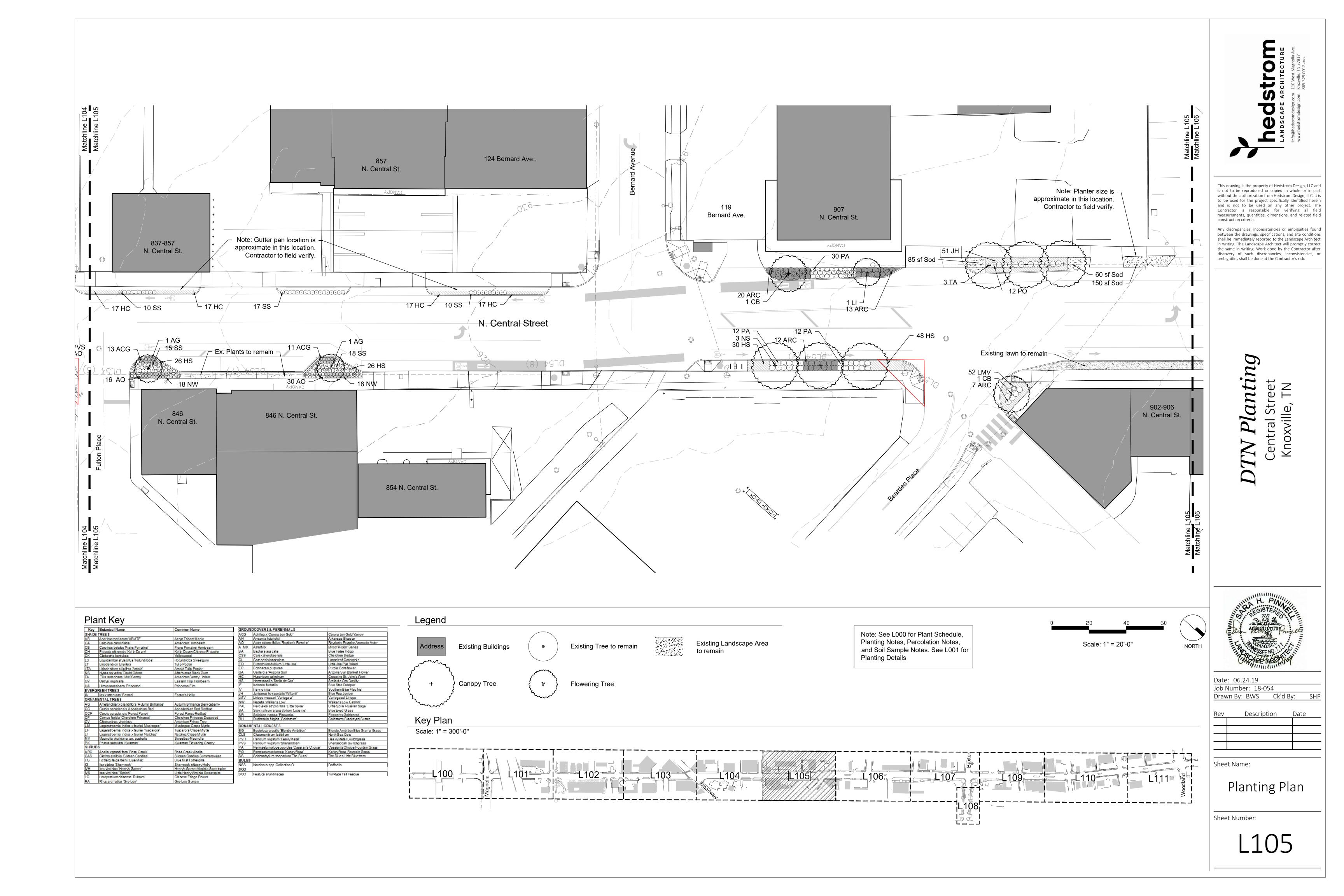


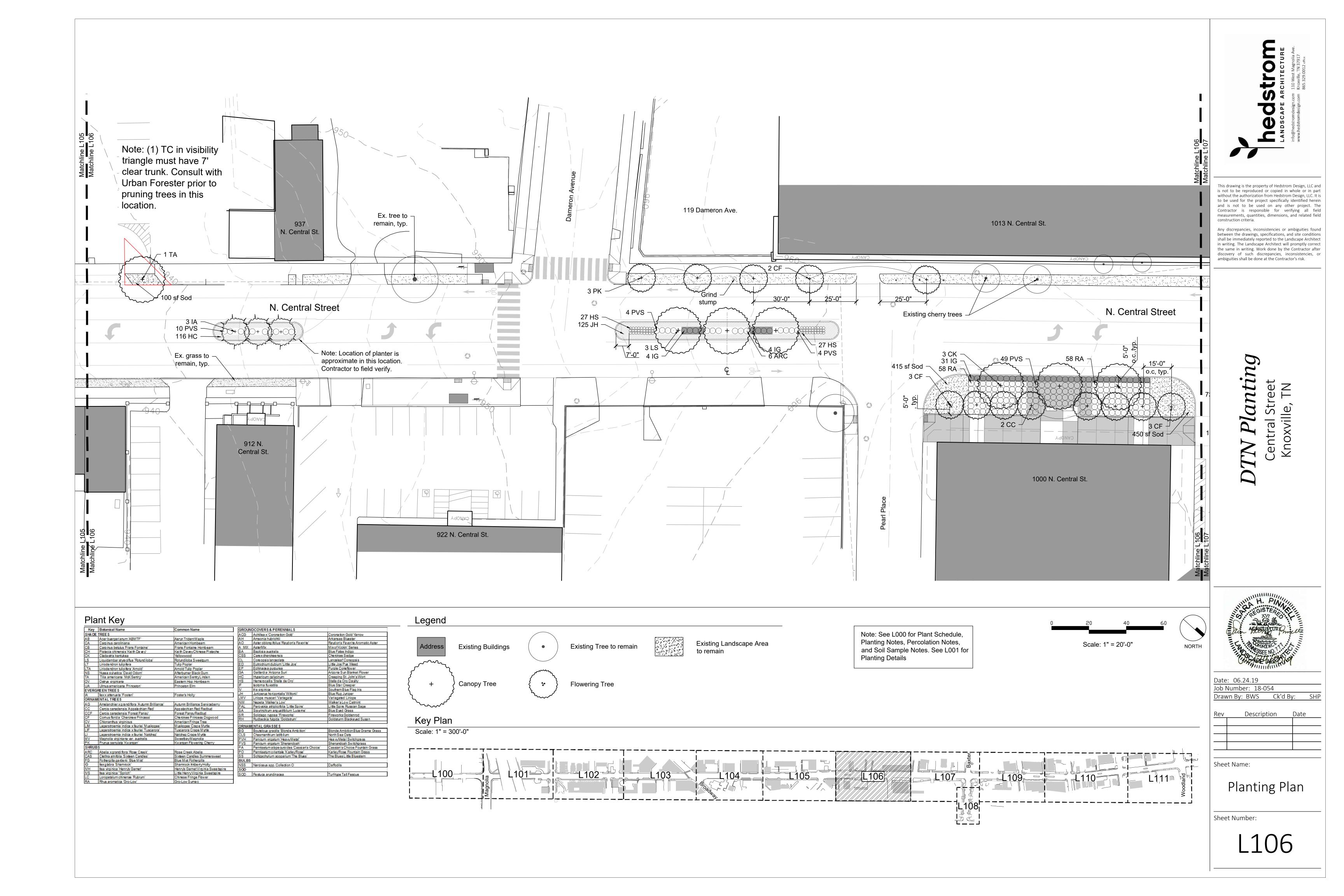


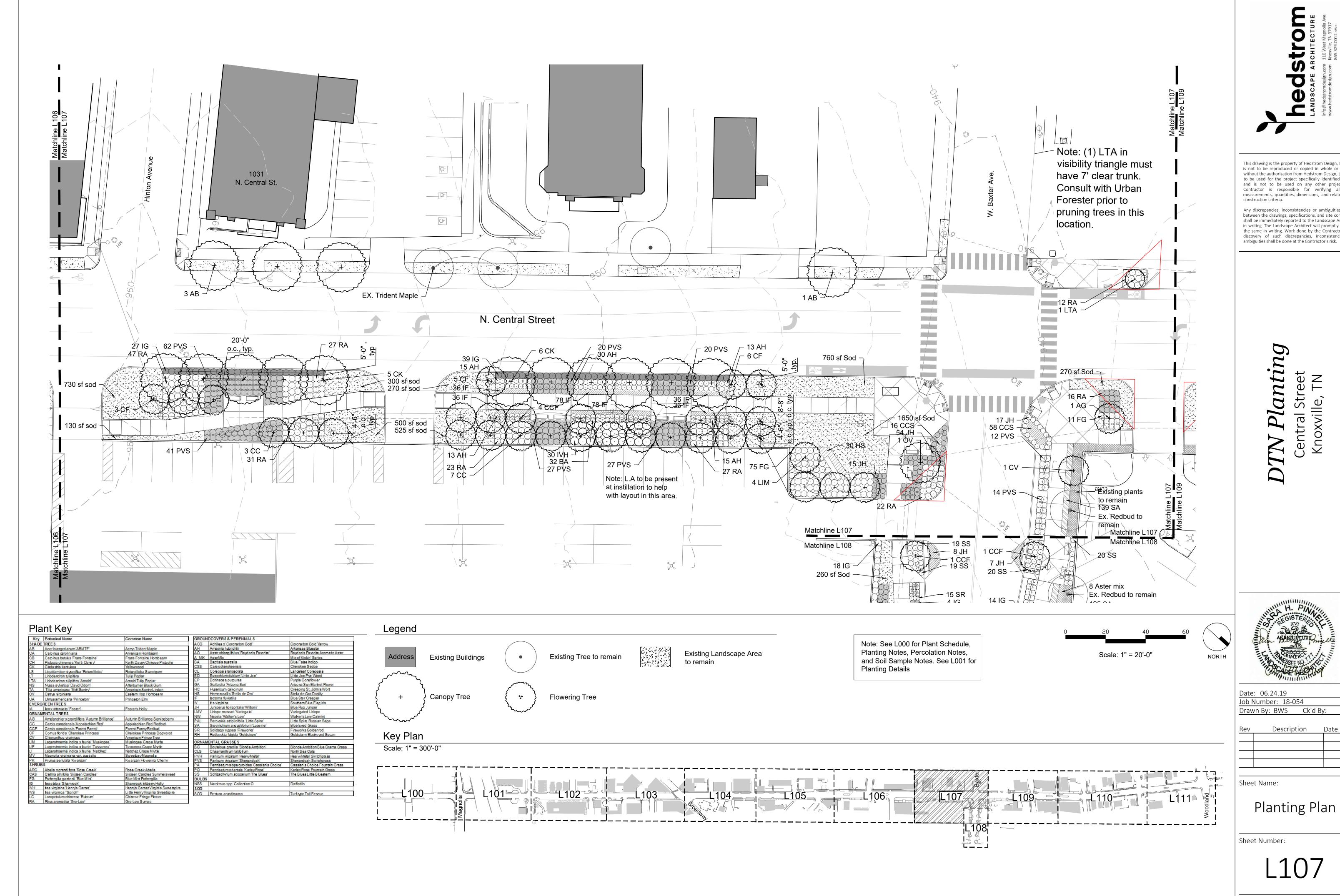






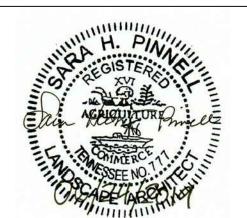




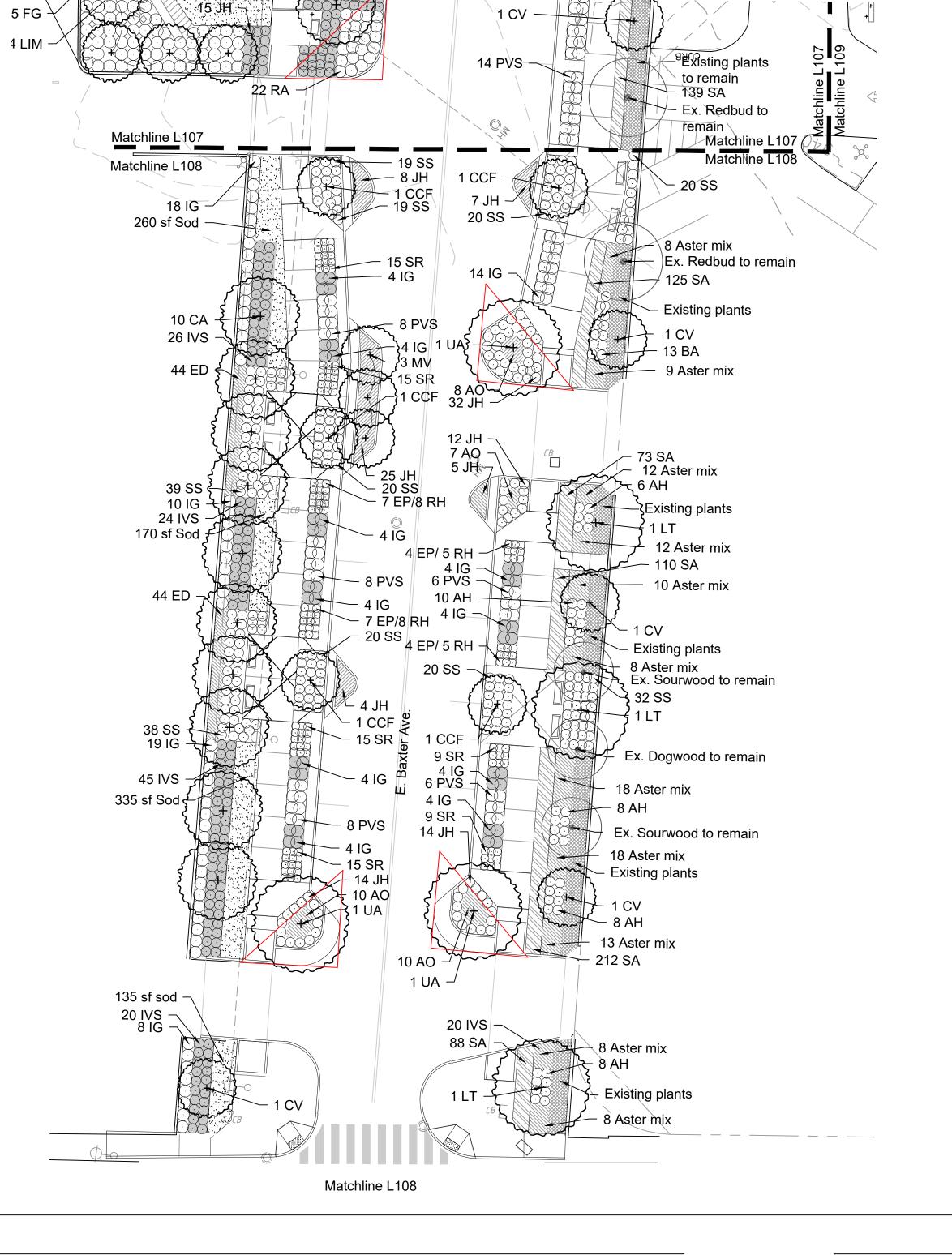


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Note: (3) UA and in visibility triangle must have 7' clear trunk. Consult with Urban Forester prior to pruning trees in this location.

Note: All existing plants to be protected throughout construction. Confirm extents with Landscape Architect

Planting

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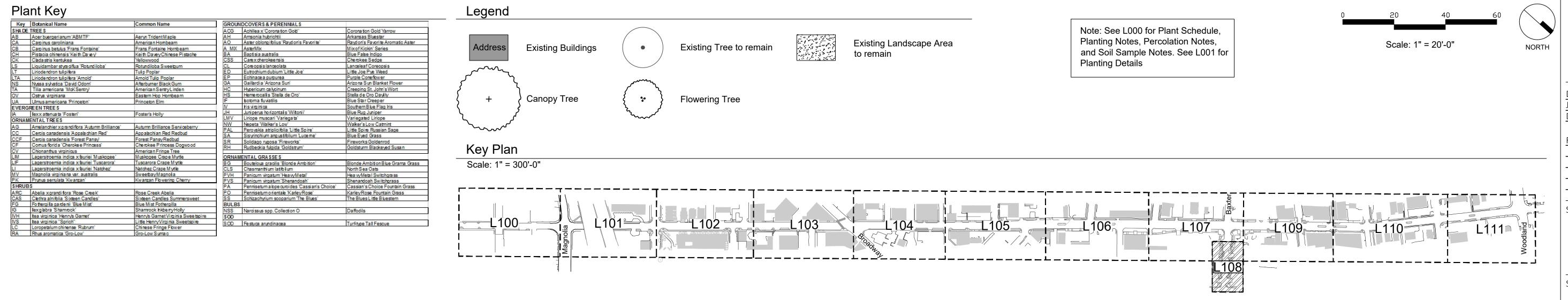


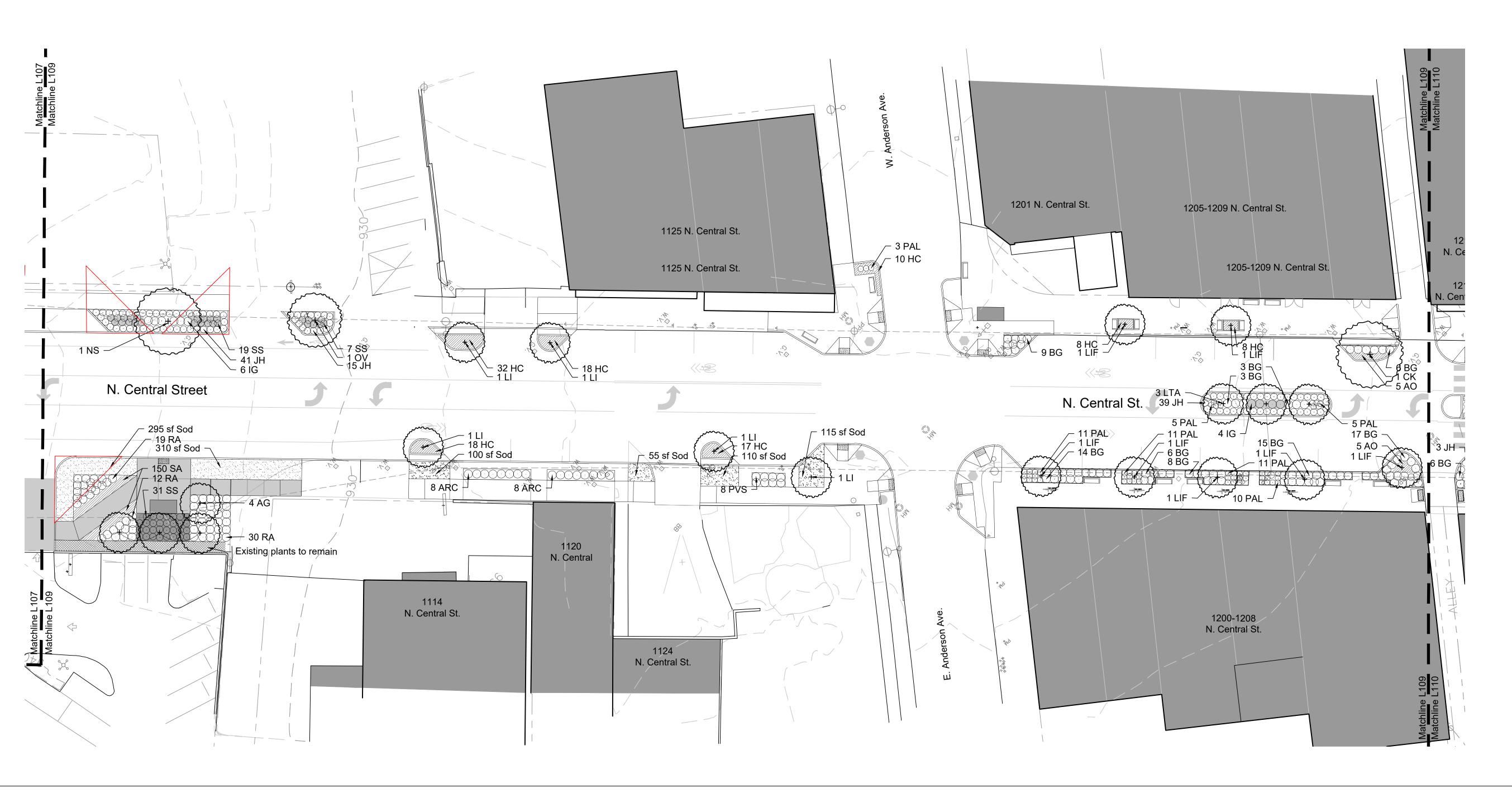
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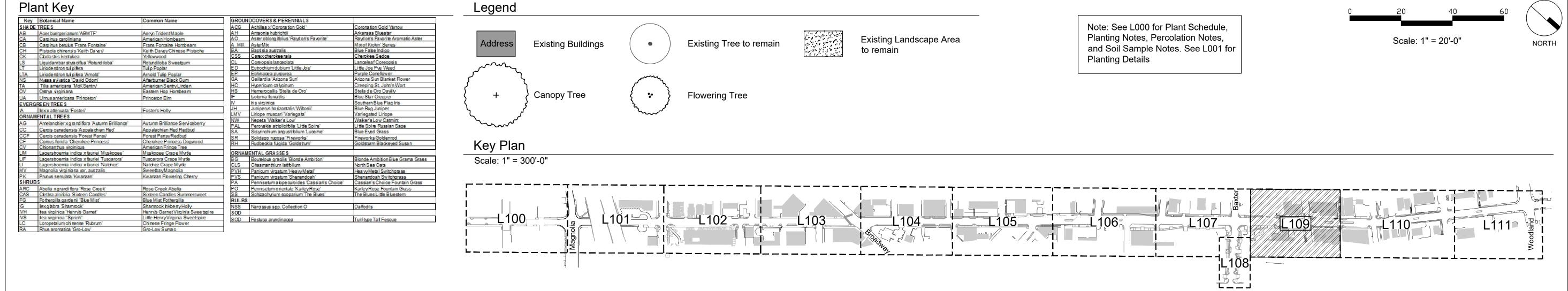
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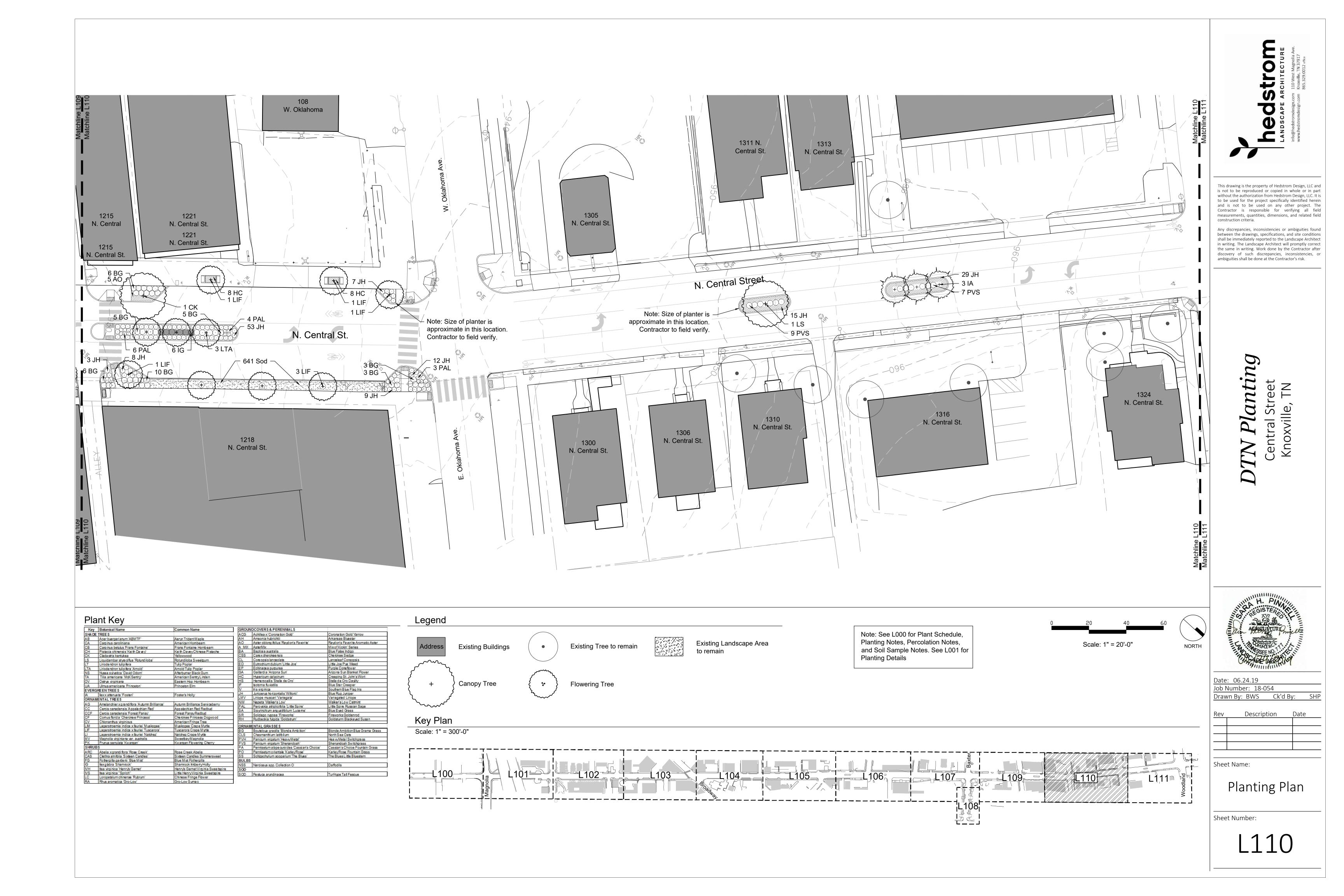
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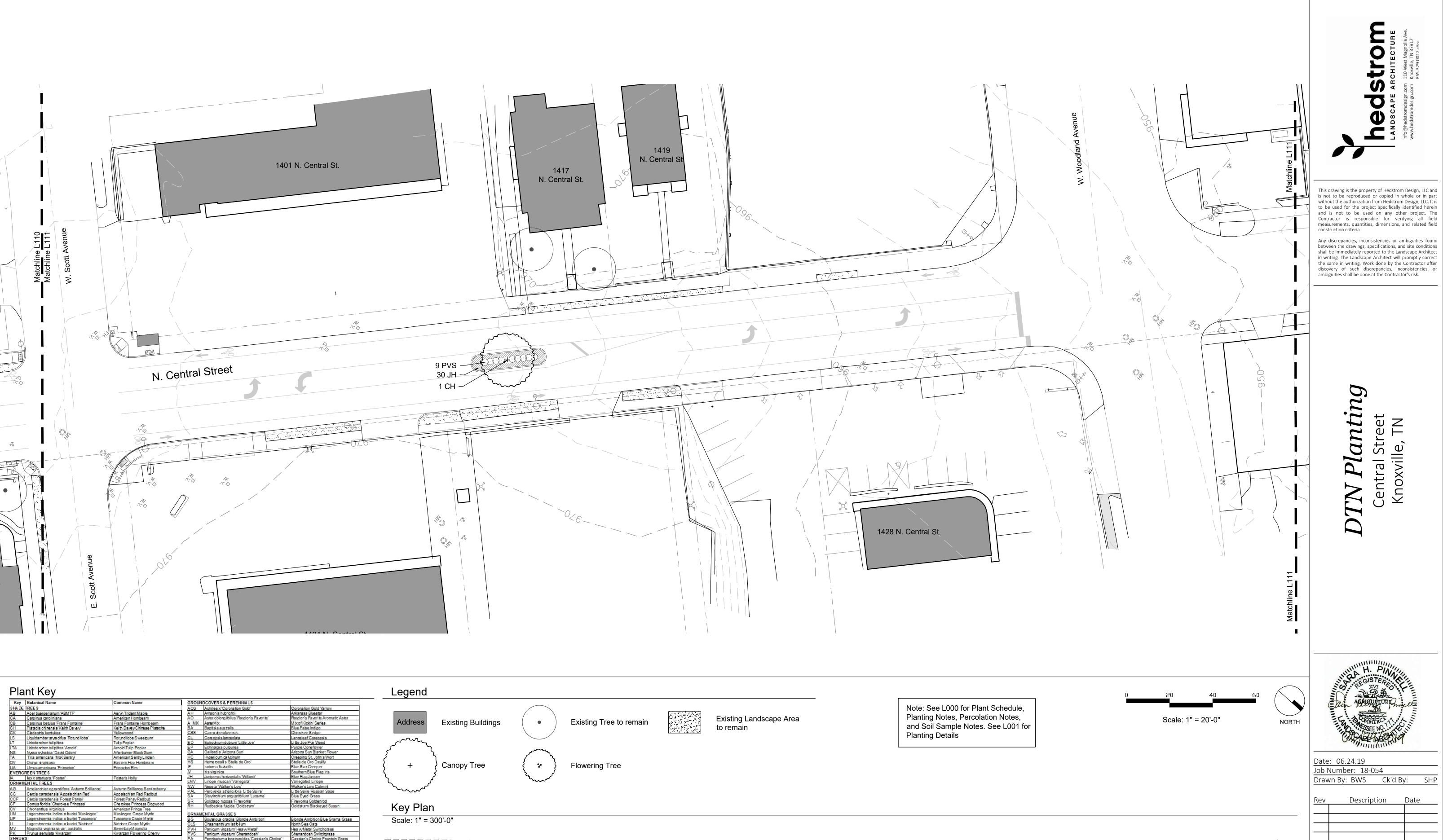
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SR Solidago rugosa 'Fireworks' RH Rudbeckia fulgida 'Goldstrum'

Rose Creek Abelia
Sixteen Candles Summersweet
Blue Mist Fothergilla
Shamrock hkberryHolty
Henry's Garnet Virginia Sweetspire
Little HenryVirginia Sweetspire
Chinese Fringe Flower
Gro-Low Suma c

ARC Abelia xgrandi flora 'Rose Creek'
CAS C'ethra alnifolia 'Sixteen Candles'
FG Fothergilla gandenii 'Blue Mist'
IG lexglabra 'Shamrock'
IVH tea virginica 'Henry's Garnet'
IVS tea virginica "Sprich"
LC Loropetalum chi nense 'Rubrum'
RA Rhus aromatica 'Gro-Low'

BG Boutelous gracilis 'Blonde Ambition'
CLS Chasmanthium latifolium

Panicum virgatum 'HeavyMetal' Panicum virgatum 'Sherandoah'

Narcissus spp. Collection O

SOD Festuca arundinacea

Pennisetum orientale 'Karley Rose' Schizachyrium scoparium 'The Blues'

Fireworks Goldenrod Goldsturm Blackeyed Susan

Blonde Ambition Blue Grama Grass North Sea Oats Hea wyMeta I Switchgrass Shenandoah Switchgrass Cassian's Choice Fountain Grass KarleyRose Fountain Grass The Blues Little Bluestem

Turftype Tall Fescue

Key Plan

Scale: 1" = 300'-0"

Date: 06.24.19 Job Number: 18-054 Drawn By: BWS Ck'd By: SHP

Description

Sheet Name:

Planting Plan

Sheet Number: